

## **NOTABLE ACCOMPLISHMENTS**

- **SIX TANKS BEING STABILIZED**

The second tank to begin pumping under the consent decree commenced on April 15, 1999 and increases the number of single-shell tanks being pumped to six. The next tank to begin pumping is 241-S-103 scheduled for June 9, 1999. The start of this tank will complete the first milestone under the consent decree. The consent decree addresses the pumping of the remaining 29 single shell tanks.

- **CROSS-SITE TRANSFER**

The River Protection Project completed the first cross-site transfer using the new supernate line. A total of 637 thousand gallons of liquid wastes were transferred from tank 241-SY-102 to tank 241-AP-107. This transfer provided space in double-shell tank 241-SY-102 for single shell tank interim stabilization. A second transfer will be required later in FY 1999 to provide space for the continuance of interim stabilization and for the transfer from tank 241-SY-101.

- **WORKING SAFELY AT HANFORD**

The Fast Flux Test Facility exceeded one million hours since the last employee lost workday and a record 201 days since its last OSHA recordable injury.

- As of April 30, 1999, the Environmental Restoration Contractor has also achieved a significant safety record. Nearly 600,000 hours have been worked since the last lost workday incident, and the last injury resulting in lost time occurred over 13 months ago.

- **PLUTONIUM STABILIZATION PHASE IV AT PFP**

The Plutonium Finishing Plant (PFP) continues to make excellent thermal stabilization progress. Thirty-eight items of plutonium-bearing oxide feed materials have been stabilized through the furnaces in the 234-5Z building since restart in January, and six thermal stabilization furnaces runs successfully completed.

- **TANK 241-Z-361 VENTING COMPLETED AT PFP**

The PFP Tank 241-Z-361 project achieved a major success with the safe opening of the underground-settling tank near the plant. Plans for ventilating the tank were carefully executed using sparkless tools and techniques, and an experienced team from Lockheed Martin Hanford performed the actual work of opening the tank. This tank, which included installing a breather filter, was accomplished without incident. There were no unusual tank pressure, flammable gases or organic vapor concentrations detected.

- **LIQUID EFFLUENT CONSENT ORDER CLOSED OUT**

The Science and Technology mission area reported that the Liquid Effluent Consent Order DE 91NM-177 has been closed with the Issuance of the categorical state waste discharge permit (#ST-4510). This action finishes the planned permitting of existing Hanford Site wastewater discharges.

- **ALL N REACTOR FUEL MOVED TO K BASIN**

The final three fuel shipments from 327 Building to the K East Basin were completed in April. Facility Stabilization reported that all N Reactor Spent Nuclear Fuel (SNF) elements used to support fuel characterization activities being returned to the K Basins.

- **INTERIM SAFE STORAGE / DECOMISSIONING OF F AND DR REACTORS**

Facility demolition for Interim Safe Storage (ISS) of Environmental Restoration's (ER's) DR Reactor continued, five weeks ahead of the Detailed Work Plan schedule. The Sample and Analysis Plan (SAP) for F Reactor ISS below grade structures was initiated. The SAP was scheduled to be prepared in FY 2000 but performance underruns and completion of FY99 work scope three weeks early allowed its acceleration to FY1999.

- **DEMOLITION OF ER's 108-F BIOLOGY LAB**

Asbestos and ceiling tile removal, and liquid pipe checks continued as the 108-F facility is prepared for demolition. Structural demolition is expected to begin in June 1999, approximately 2 weeks ahead of schedule.

- **GROUNDWATER PROCESSING CONTINUES**

Over 89 million liters of groundwater were processed through the Environmental Restoration pump and treat units in April. These units help curtail contaminant migration to the Columbia River by removing contaminants such as chromium, carbon tetrachloride, and strontium from the groundwater. Over 2.4 billion liters have been processed inception-to-date.

- **HAMMER RECEIVES AN ADDITIONAL ONE MILLION DOLLARS**

Change Request #HMR-99-003 was approved by the U.S. Department of Energy, Richland Operations Office on April 19, 1999. This change request authorizes the use of \$1.096M and allows Hammer to reinstate previously deleted workscope in the following areas: product line analysis and development, props/facility improvements, and facility maintenance activities. This work is necessary to maximize training effectiveness to Hanford Site employees.

Further detail regarding the above accomplishments may be found in the individual Project Sections.